

*Study of clinical signs and symptoms of chronic sinusitis and evaluation of them in diagnosing and differentiating the diseases with similar symptoms, in patients who were referred to the ENT Clinic at Fatemi hospital of Ardabil city*

**Abstract**

**Background and objective:** *The term of chronic rhinosinusitis refers to all nasal and para-nasal sinuses diseases that they continue at least for 12 weeks. Sinusitis is one of the most common diseases. Despite its high prevalence, it is not easy to diagnose. In this disease, clinical criteria and simple radiographs are not so sensitive. Due to different methods of treatment in diseases that show signs and symptoms of chronic sinusitis, we have done this study to investigate the signs and symptoms of chronic sinusitis and evaluate them in diagnosis and differentiating chronic sinusitis from diseases with the same symptoms in the referral patients to the ear, nose and throat clinic of Fatemi hospital.*

**Methods:** *The statistical population was all patients with chronic sinusitis symptoms who were referred to Fatemi Hospital. In this study, 83 patients were examined. The related questionnaires included informations such as age, gender, clinical symptoms and CT scan findings were completed.*

**Results:** *In this Study 83 patients were examined. Headache was the main symptom in 69.9% of the patients. The most common symptoms after headache were PND, congestion, rhinorrhea, pharyngitis, coughing, facial pain, toothache, decreased appetite and lack of olfaction. 29 patients had positive findings in CT scan. The highest rate of sinus involvement was in the ethmoid sinus.*

**Conclusion:** *In this Study the most common symptom was headache. The most valuable clinical signs and symptoms in diagnosing of sinusitis was nasal congestion and coughing. Facial pain and dental pain were less reliable than other clinical symptoms.*

**Keywords:** *Sinusitis, Clinical signs, Evaluation*